

Converting Colors

Hex(77C9B8)

Have a look what the booklet for
Hex(77C9B8) contains.

Hex(77C9B8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77C9B8)

Conversions

Conversions Part 1

Format	Color
Hex	77C9B8
RGB	119, 201, 184
RGB Percent	47%, 79%, 72%
CMY	0.5333, 0.2118, 0.2784
CMYK	0.41, 0.00, 0.08, 0.21
HSL	168°, 43%, 63%
HSV	168°, 41%, 79%
XYZ	37.1461, 49.1559, 52.8776
YIQ	174.5440, -43.4150, -22.6710

Conversions

Conversions Part 2

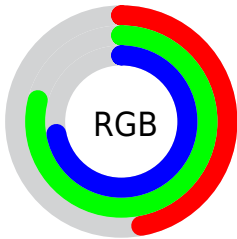
Format	Color
RYB	119, 165, 201
Decimal	7850424
CIELab	75.55, -29.04, 0.64
CIELCh	76, 29.049, 178.745
Yxy	49.1559, 0.2669, 0.3532
Android (android.graphics.Color)	4286040504 (0xFF77C9B8)
YUV	174.5440, 4.6618, -48.7121
Hunter-Lab	70.1113, -28.1225, 4.3616

Details

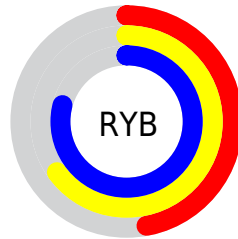
The Hex color **77C9B8** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C97788**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **AFFFF0**, and **409383** is the 20% darker color. If you saturate the color by 10%, you get **63C9B4**, and if you desaturate by 10%, it is **8BC9BC**.

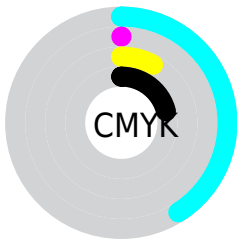
Distribution



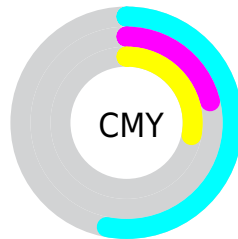
- Red (47%)
- Green (79%)
- Blue (72%)



- Red (47%)
- Yellow (65%)
- Blue (79%)



- Cyan (41%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)



- Cyan (53%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77C9B8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 77C9B8 by changing the saturation by 10% instead.

 77C9B8

 77C9B8

FFFFFF

 5CAD9D

 AFFFF0

 409383

 CBFFFF

 22796A

 E8FFFF

 005F52

 00473B

 003025

 001C10

 000000

 77C9B8

 77C9B8

 63C9B4

 8BC9BC

 4FC9B0

 9FC9C0

 3BC9AB

 B3C9C5

 27C9A7

 C7C9C9

 12C9A3

 DCC9CD

 00C99F

 F0C9D1

 FFC9D5

 FFC9D9

 FFC9DE

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93C69E



77C9B8



68C8D3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77C9B8



BDB4E9



E4AF8D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77C9B8



C97788

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F0A8A2



77C9B8



DBABD6

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77C9B8



97BDEF



EDA7BC



CFB885

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77C9B8



6EC6E1



EDA7BC



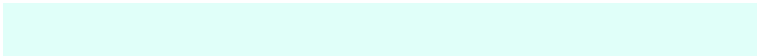
EAAC93

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77C9B8



E0FFF9



89C977



6E807C



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77C9B8



82FFE5



77B2C9



5A6361



00A381



00241C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C97788



FF829C



C98E77



635A5C



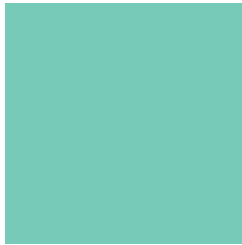
A30022



240007

Previews

White Background



This preview shows how the Hex color 77C9B8 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 77C9B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

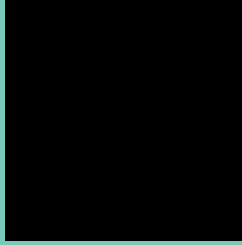
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

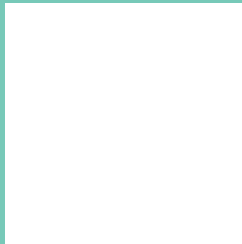
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 77C9B8 Background



This preview shows how black text looks on a background with the Hex color 77C9B8.



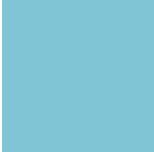
This preview shows how white text looks on a background with the Hex color 77C9B8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
7FC5D5

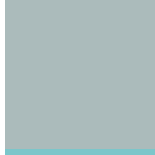
Trichromacy



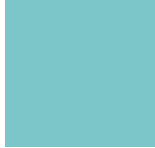
Original Color
77C9B8



Protanomaly
A5BEB2



Deuteranomaly
ABBBBB

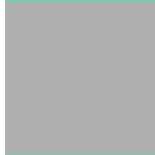


Tritanomaly
7CC6CA

Monochromacy



Original Color
77C9B8



Achromatopsia
AFAFAF



Achromatomaly
9BB8B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 77C9B8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #77C9B8 looks like.

```
.text, #text, p{  
    color:#77C9B8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #77C9B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C9B8
}
```

Border

The CSS property to change the border of an element to Hex 77C9B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#77C9B8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#77C9B8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #77C9B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C9B8; -webkit-box-shadow:4px 4px  
4px 4px #77C9B8; box-shadow:4px 4px 4px  
4px #77C9B8 }
```

Background

The CSS property to change the background color of an element to Hex 77C9B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C9B8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#77C9B8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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